



MARLIN P. JONES & ASSOC. INC.

WEB:

www.mpja.com
Online Buying

Phone:

Order: 800-652-6733
Fax: 800-432-9937
Info: 561-848-1414

\$6.95*

FLAT RATE
SHIPPING



*Restrictions
Apply



www.mpja.com

Red 5" 7 Segment LED C.C. Display

34491 OP
\$5.95 ea



4-50VDC Universal Battery Alarm Meter

33991 ME | \$9.95 ea



300mm Linear Guide Rail Assembly with Stepmotor

33997 MI | \$119.95 ea



5 Vdc 3A Plug Power Supply

34291 PS | \$2.95 ea



Linear Mechanical Starter Kit

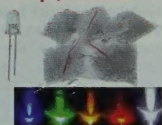
Different over all lengths available.

34259 LK | 200mm | \$29.95 ea
34260 LK | 300mm | \$34.95 ea
34261 LK | 500mm | \$39.95 ea



200 each Red,Yellow, Green,Blue,White Clear 5mm LEDs

33907 OP | \$11.95 ea



Adjustable 3 Axis Stage

33383 MI | \$169.95 ea



12 Vdc 3A Power Supply

34445 PS | \$6.95 ea



T8-2 Single Start Leadscrew & Nut

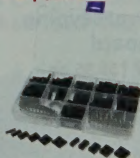
Different over all lengths available.

34251 LK | 150mm | \$5.95 ea
34252 LK | 200mm | \$6.95 ea
34253 LK | 250mm | \$7.95 ea
34254 LK | 300mm | \$8.95 ea
34255 LK | 400mm | \$10.95 ea
34256 LK | 500mm | \$12.95 ea



420 pcs of Dupont Header Connector Kit

33906 HD | \$8.95 ea



Mechanical Buzzer

34101 SU | 1.2VDC | \$1.25 ea
34102 SU | 3VDC | \$1.25 ea
34104 SU | 12VDC | \$1.25 ea



12 Vdc 2A Plug Power Supply

34142 PS | \$6.95 ea



12VDC SPDT Automotive Relay

33947 RL
\$1.95 ea



Automotive Relay Pigtail Socket

33948 RL
\$1.89 ea



Solder 60/40 Rosin Core

33593 TL | 1mm | \$9.95 ea
33594 TL | .6mm | \$9.95 ea



SONY 4" PolyCone Custom Speaker

34151 SP | \$4.95 ea



SPDT Momentary Pushbutton Switch

34155 SW | Red | \$1.95 ea
34156 SW | Green | \$1.95 ea
34157 SW | Blue | \$1.95 ea
34158 SW | Yellow | \$1.95 ea

SPDT Alternate Action Pushbutton Switch

34161 SW | Red | \$1.95 ea
34162 SW | Green | \$1.95 ea
34163 SW | Blue | \$1.95 ea
34164 SW | Yellow | \$1.95 ea



5VDC Mini Fluid Pump 1L/Min

33955 MI | \$4.95 ea



12mm Latching Connector Pair

34171 PL | 3 Pin | \$2.89 ea
34173 PL | 5 Pin | \$2.89 ea
34175 PL | 7 Pin | \$2.89 ea



Our Most Popular Products

Visit us at www.mpja.com for complete line of products

Programmable Digital Thermostat "C"

32709 MP | \$9.95 ea



Thermostat, Auto Heat/Cool, "C"

32964 MP | \$13.95 ea



Arduino 37 pc. Sensor Starter Kit

33317 MP | \$35.95 ea

Sensor kit for general use with Arduinos and other microcontrollers. This 37pc. kit is ideal for Classrooms or Instructional Labs. Includes Handy latching compartment storage box and Experimenter's Manual covering Sketches & use with the Arduino UNO

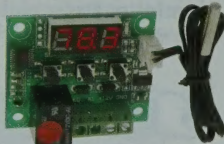


Digital Temperature Controller

32184 MP | Celsius | \$5.95 ea

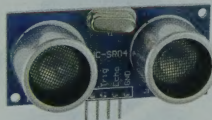
32764 MP | Fahrenheit | \$6.95 ea

Compact digital thermostat with isolated relay output and 3digit 0.28" LED display. Features: Programmable set Points, Cool or Heat control, Hysteresis, Delay and High Temp. Alarm. Power: 12VDC Current: ~65mA Relay energized Accuracy: Measurement : 0.1deg. Relay: SPST-NO 10A/14VDC; 5A/125VAC Sensor: NTC waterproof probe (12in. leads) Terminal Strip for Power & Relay contacts.



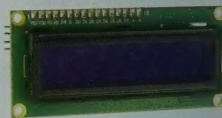
Ultrasonic Range Module

19605 UT | \$3.31 ea



Serial 2 X 16 LCD

31164 MP | \$9.95 ea



Motion Detector with Light Sensor

31227 SC | \$3.95 ea



Programmable Security Key Pad

31928 SC | \$49.95 ea



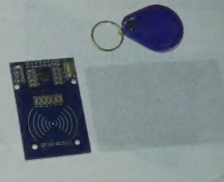
I/R XMIT/Receiver Pair

32352 MP | \$3.95 ea



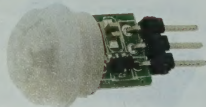
RFID/NFC Reader/Writer

31111 MP | \$11.95 ea



Motion Detector Mini Module

32061 SC | \$3.95 ea



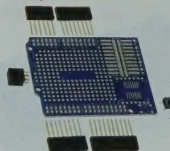
12VDC 0-10 Sec. Time Delay Relay Module

33421 RL | \$2.95 ea



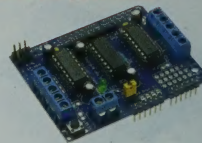
Perfboard Shield Kit

32795 MP | \$4.95 ea



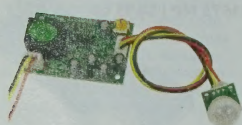
Motor Shield Board

30292 MP | \$10.95 ea



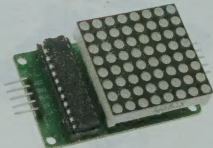
PIR Relay Module

32183 SC | \$5.95 ea



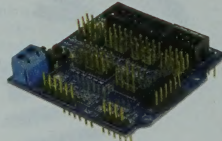
8X8 RGB Program-mable LED Matrix

34350 MP | \$3.95 ea



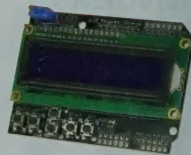
Sensor Shield

31058 MP | \$7.95 ea



2 X 16 LCD Shield

31059 MP | \$11.95 ea



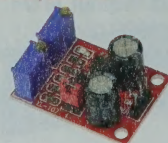
Microwave Motion Detector

31234 SC | \$8.95 ea



Adj. Pulse Generator

31070 MI | \$5.95 ea



Dual Audio Amplifier

32705 MP | 50Watt | \$14.95 ea

32706 MP | 100Watt | \$19.95 ea



14 Watt Audio Amplifier

31806 MI | \$5.95 ea



General Purpose Solder Station

15860 TL | \$16.95 ea

Adjustable from 5 to 50 Watt (800 deg. F max) Station provides on-off switch, knob to control wattage, built-in stand, tip cleaning sponge & 1/32" point tip. 115 VAC line.
For replacement tips and handle visit our website www.mpja.com



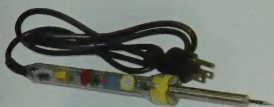
Temperature Controlled Solder Station

15845 TL | \$48.95 ea

Temperature controlled soldering station with LED display. Heat sensor located near the tip for fast response and +10 deg. "F" control. Rated at 48Watts, 24Vac handle. Temperature range: 320 deg. "F" to 800 deg. "F". Isolated tip, fused line. 117 VAC. For replacement tips and handle visit our website www.mpja.com



Adjustable Soldering Iron 17517 TL | \$12.95 ea



LED Lighted Soldering Iron 17516 TL | \$5.95 ea



SMD Hot Tweezer Adapter 15847 TL | \$12.95 ea



For 15845 TL station Only!

Replacement Handle 15846 TL | \$6.95 ea



For 15845 TL station Only!

Mini Hobby Solder Station 16924 TL | \$12.95 ea



Soldering Iron Kit 16431 TL | \$7.95 ea



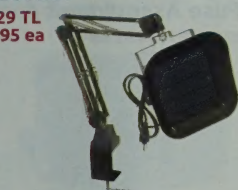
Desoldering Iron 16922 TL | \$6.95 ea



Hobby Solder Station 19154 TL | \$17.95 ea



Adjustable Arm Smoke Absorber 17529 TL | \$44.95 ea



Benchtop Smoke Absorber 15166 TL | \$32.99 ea



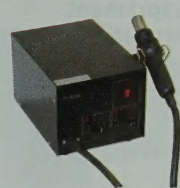
Desoldering Station for Circuit Repair 19034 TL | \$119.95 ea

Economical desoldering station designed for use with lead free solders. Ergonomic pistol grip Head with trigger for rapid removal of solder. Displays both the Set Point & the Actual Tip temperature. Temp. Range: 160-480Deg. "C"
Watts: 80W running/130W cold start heat-up
Power: 115VAC/ 60Hz.
Features: Internal vacuum pump, LCD Display, electronic temperature control, PTC Ceramic Heater, Readout in "F" or "C". 3ft. cable/hose length. Includes: 0.8, 1.0 & 1.3mm tips & 3 filter/traps.
Replacement parts Available at www.mpja.com



Hot Air Rework Station 16121 TL | \$99.95 ea

Hot air repair/rework station for SMT devices. Features: a fast heating ceramic heater, internal air supply, stable temperature, comfort grip handle, interchangeable hot air nozzles for PLCC/SOP/ etc. devices. Adj. air flow and temperature.
Temperature range: 150 deg.-500deg. "C".
16123-TL QFP 10 X 10 (mm),
16124-TL QFP 14 X 14 (mm),
16122-TL Single 2.5mm Dia.,
16128-TL Single 4mm Dia.
Visit www.mpja.com for more nozzles



Solder Station 32580 TL | \$59.95 ea



Mini Solder Sucker 20041 TL | \$3.95 ea



Antistatic Solder Sucker 15859 TL | \$6.95 ea



DMM, Power Supply and Solder Station 28901 TL | \$125.95 ea

Technician work station with Soldering station, Digital Meter & Adjustable Power Supply. CE listed
Includes: Meter Probes, Power supply clip leads, Soldering Iron stand.



Solder 60/40 Rosin Core 33593 TL | 1mm | \$9.95 ea 33594 TL | .6mm | \$9.95 ea



10gm 63/37 Solder 32775 TL | \$1.99 ea



260pcs Electrolytic Capacitor Assortment

32531 CR | \$10.95 ea



400pcs Monolithic Ceramic Capacitor Assortment

32534 CM | \$10.95 ea



360pcs TO-92 Transistor Assortment

32376 QT | \$8.95 ea



150pcs Brass Standoff Kit

33401 HD | \$3.95 ea



520pcs 1/4W Resistor Assortment

32037 RS | \$4.95 ea



65pcs Variable Resistor Kit Horizontal Mount

32359 VR | \$4.95 ea



50pcs Variable Resistor Kit Vertical Mount

32358 VR | \$3.95 ea



88pcs Nylon Standoff Kit

33372 HD | \$4.95 ea



2600pcs 1/4W Resistor Assortment

33418 RS | \$14.95 ea



70pcs 16VDC Electrolytic Capacitor Assortment

32532 CR | \$5.95 ea



50pcs Variable Resistor Kit Vertical Mount

32809 VR | \$12.95 ea



50pcs Resettable Thermal Fuses Kit

33414 FU | \$5.95 ea



230pcs 2W Resistor Assortment

32763 RS | \$9.95 ea



190pcs Polyester Cap Kit

33416 CR | \$6.95 ea



100pcs Ceramic Capacitor Kit

33413 CR | \$3.95 ea



50pcs GMA (5X20mm) Fuse Assortment

32762 FU | \$4.95 ea



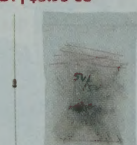
255pcs Diode and Rectifier Assortment

33412 DI | \$6.95 ea



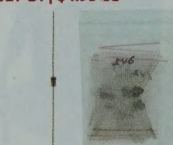
140pcs 1/2W Zener Diode Assortment

33028 DI | \$3.95 ea



70pcs 1W Zener Diode Assortment

33027 DI | \$4.95 ea



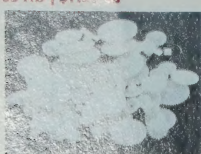
6 colors SPST-NO Pushbutton Button Set

32728 SW | \$1.95 ea



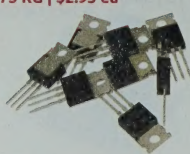
58pcs Plastic Gear Assortment

32185 HD | \$7.95 ea



8pcs 5-24V Positive Voltage Regulators Kit

32375 RG | \$2.95 ea



80pcs 78L Series Positive Voltage Regulator Kit

33417 RG | \$4.95 ea



60pcs 79L Series Negative Voltage Regulator Kit

33415 RG | \$4.95 ea



Selectable OutoutBench Supply

29902 PS | \$16.95 ea

P/N: 9902-PS
Input: 90-250VAC 60Hz
Outputs: 3, 4, 5, 6, 7, 5, 12VDC @ 2000mA Selectable
Specifications/Features: Enclosed, Benchtop regulated, switching supply. Switch selectable output. Front panel Power switch, Select switch & Binding posts. 6ft. 2 wire input power cord with 2 blade plug.



0-15VDC @ 1A Linear Bench Supply

29319 PS | \$32.00 ea



0-60VDC @ 10A Linear Bench Supply

29960 PS | \$279.95 ea



0-30VDC @ 3A Linear Bench Supply

29601 PS | \$99.95 ea



0-50VDC @ 3A Linear Bench Supply

29612 PS | \$109.95 ea



Dual 0-30VDC @ 3A Bench Supply

29623 PS | \$169.95 ea

Input: 110 VAC 60Hz
Outputs: #1: 0-30VDC @ 0-3A #3: 5VDC @ 3A fixed
Dual Constant Voltage or Current supply with 4 LED meters that displays Volts & Amps. Selectable Independent, Series or Parallel operation of Adj. supplies (0-60V/3A or 0-30V/6A). RMS ripple: 20mVp/p (CV) 50mA/p (CC) Front panel output Binding Posts. Metal case & rubber feet. Internal Temp. controlled fan



0-18Vdc @ 3A Linear Bench Supply

29600 PS | \$64.95 ea

Input: 110 VAC 60Hz
Output: 0-18VDC @ 0-3A
Constant Voltage or Current

Specifications/Features: True Constant Current (Can a short) Enclosed Linear bench supply with dual LCD displays for output Volts & Amps. .01%+3mV Line/.02%+3mV Load regulation, <1mV RMS ripple. Front binding posts. Metal case & rubber feet. Internal Temp. controlled fan.



0-30Vdc @ 3A Switching Bench Supply

29616 PS | \$53.95 ea



0-30VDC @ 5A Switching Bench Supply

29617 PS | \$69.95 ea



0-30VDC @ 10A Linear Bench Supply

29604 PS | \$189.95 ea



0-30VDC @ 24A Switching Bench Supply

29317 PS | \$259.95 ea



0-30VDC @ 10A Switching Bench Supply

29631 PS | \$109.95 ea

Input: 110 VAC 60Hz
Output: 0-30VDC, 0-10A
Constant Voltage/Current
Specifications/Features: Adjustable Voltage/adjustable Current limit. Enclosed regulated switching bench supply with backlit LCD display for output Volts & Amps. 0.2%+10mV Line/0.2%+5mV Load regulation, <100mV RMS max ripple. Banana jacks output. Internal fan.



0-120VDC @ 3A Linear Bench Supply

29313 PS | \$285.95 ea

Input: 110 VAC 60Hz
Output: 0-120VDC @ 0-3A
Specifications/Features: Regulated Bench supply with Adjustable Current limit. LED meter displays Volts & Amps. Push button switch connects supply to load. Multi turn Voltage control for precise settings. 5mV RMS ripple. Front panel output Binding Posts & Terminal strip for remote Voltmeter Sensing at the load.



0-120VDC @ 1A Linear Bench Supply

29312 PS | \$139.95 ea



0-30VDC @ 19A Linear Bench Supply

29950 PS | \$289.95 ea



0-50VDC @ 30A Linear Bench Supply

29970 PS | \$745.00 ea



0-30VDC @ 16A Switching Bench Supply

29316 PS | \$169.95 ea



Handheld Adjustable Supply

32577 PS | \$149.95 ea

P/N: PS2002H
Input: 90-265VAC 50/60Hz
Output: 0-30VDC @ 50W Limits: 3.75A @ 12V
1.6A @ 30V Handheld switching supply with backlit LCD display and Adjustable Current Limit. Output On/Off button, USB Select button, Store & Recall Function Button, Adjust Up/Down Buttons. Output Adjustable in 10mV/10mA increments.



Note: Very Heavy Power Supply
Must Be Shipped By Motor Carrier (Truck)



GENERAL SPECIFICATIONS

RoHS Compliant



High reliability line of power supplies designed to operate over the wide range of AC power found world wide.

- Overvoltage, Overcurrent, Short Circuit Protected
- No minimum load
UL/CANADA/USA/CE listed.
- 100% Full Load Burn-in Tested
Full rated to 50°C

MTBF: 100,000 Hours

Operating Temp. & Humidity: -10° C to +50° C
20%-93% Non Condensing

Storage Temp. & Humidity: -20° C to +85° C
20%-95% Non Condensing

Cooling: Convection

Approvals/Standards: cULus Ref. No.: E22014

Safety: GB4943, UL60950, EN60950

EMC: GB9254, EN55022 class B, EN55024

-3-2/3 EN61000-4-2/3/4/5/6/8/11

Line Regulation (Full Load): < +/- 0.5%

Load Regulation: .05% (0-100%)

Inrush Current: 20A/115V, 40A/230V

Input Leakage Current: <0.7mA @ 230VAC

Output Adjustment Range: +/- 10%

Overload Protection: 40/60W:110-150%-100/150W: 110-130%

Over Voltage Protection: 115-150%

Rise Time: 50ms Full Load (Typical)

Hold Up Time: 20ms Full Load (typical)

Withstand Voltage (1 Min.): Input to Output: 3.0KV AC
Input to Frame/Ground: 1.5KV AC
Output to Frame/Ground: 0.5KV AV

15W SUPPLIES

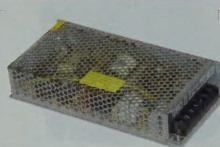


STOCK #	OUTPUT	PART #
18438-PS	5V/3A	HF15W-SPL-5
18439-PS	12V/1.3A	HF15W-SPL-12
18440-PS	24V/0.6A	HF15W-SPL-24
18441-PS	48V/0.3A	HF15W-SPL-48

Qty: 1-9 \$15.99 ea | Qty: 10-99 \$14.95

Input: 85-264 VAC 47-63Hz Universal
L: 4.0" W: 1.82" H: 1.0" Wt: .2lb

100W SUPPLIES



STOCK #	OUTPUT	PART #
16010-PS	3.3V/20A	HF-100W-SF3.3
16011-PS	5V/20A	HF-100W-SF5
16012-PS	7.5V/13.5A	HF-100W-SF7.5
16014-PS	15V/6.7A	HF-100W-SF15
16016-PS	48V/2.2A	HF-100W-SF48

Qty: 1-9 \$26.50 ea | Qty: 10-99 \$25.60

STOCK #	OUTPUT	PART #
16013-PS	12V/8.5A	HF-100W-SF12
16015-PS	24V/4.5A	HF-100W-SF24

Qty: 1-9 \$21.69 ea | Qty: 10-99 \$18.95

Input Selectable: 85-132 VAC 47-63Hz
170-264 VAC 47-63Hz
L: 7.83" W: 3.86" H: 1.54" Wt: 1.5lb

25W SUPPLIES

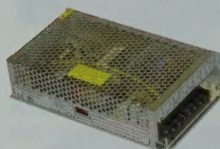


STOCK #	OUTPUT	PART #
17320-PS	3.3V/6A	HF25W-SL3.3
17321-PS	5V/5A	HF25W-SL5
17322-PS	12V/2.1A	HF25W-SL24
17323-PS	15V/1.7A	HF25W-SL15
17325-PS	48V/0.57A	HF25W-SL48

Qty: 1-9 \$14.90 ea | Qty: 10-99 \$12.60

Input: 85-264 VAC 47-63Hz Universal
L: 3.88" W: 3.23" H: 1.38" Wt: .6lb

150W SUPPLIES



STOCK #	OUTPUT	PART #
16017-PS	5V/30A	HF-150W-SF5
16018-PS	7.5V/20A	HF-150W-SF7.5
16019-PS	9V/17A	HF-150W-SF9
16033-PS	28V/5.5A	HF-150W-SF28
16034-PS	36V/4.2A	HF-150W-SF36

Qty: 1-9 \$28.60 ea | Qty: 10-99 \$27.95

STOCK #	OUTPUT	PART #
16020-PS	12V/12.5A	HF-150W-SF12
16032-PS	24V/6.5A	HF-150W-SF24

Qty: 1-9 \$26.85 ea | Qty: 10-99 \$23.69

Input Selectable: 85-132 VAC 47-63Hz
170-264 VAC 47-63Hz
L: 7.83" W: 4.33" H: 1.97" Wt: 1.6lb

40W SUPPLIES

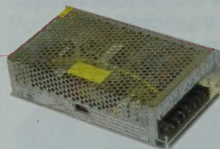


STOCK #	OUTPUT	PART #
16000-PS	5V/8A	HF-40W-SL5
16001-PS	12V/3.5A	HF-40W-SL12
16002-PS	15V/2.8A	HF-40W-SL15
16003-PS	24V/1.8A	HF-40W-SL24
16004-PS	48V/0.8A	HF-40W-SL48

Qty: 1-9 \$16.00 ea | Qty: 10-99 \$15.49

Input: 85-264 VAC 47-63Hz Universal
L: 5.08" W: 3.86" H: 1.57" Wt: 1.1lb

240W SUPPLIES



STOCK #	OUTPUT	PART #
18434-PS	5V/40A	HF-240W-SF5
18437-PS	48V/5A	HF-240W-SF48

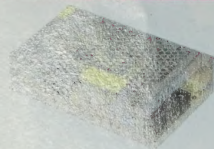
Qty: 1-9 \$45.00 ea | Qty: 10-99 \$38.90

STOCK #	OUTPUT	PART #
18435-PS	12V/18A	HF-240W-SF12
18436-PS	24V/10A	HF-240W-SF24

Qty: 1-9 \$34.95 ea | Qty: 10-99 \$32.49

Input Selectable: 85-132 VAC 47-63Hz
170-264 VAC 47-63Hz
L: 7.83" W: 4.33" H: 1.97" Wt: 1.6lb

60W SUPPLIES



STOCK #	OUTPUT	PART #
16005-PS	5V/12A	HF-60W-SL5
16006-PS	12V/5A	HF-60W-SL12
16007-PS	15V/4A	HF-60W-SL15
16008-PS	24V/2.5A	HF-60W-SL24
16009-PS	48V/1.3A	HF-60W-SL48

Qty: 1-9 \$19.95 ea | Qty: 10-99 \$18.90

Input: 85-264 VAC 47-63Hz Universal
L: 6.3" W: 3.86" H: 1.54" Wt: 1.2lb



**Heat Sink Compound,
#860, Squeeze Tube
MG Chemical**

30389 MG
140gm | \$15.26 ea



**Flux Remover
#4140 400gm
MG Chemical**

30364 MG
400gm | \$13.34 ea



**Silicone
Conformal
Coating, #422
MG Chemical**

30366 MG
340gm | 18.95 ea



**Isopropyl Alcohol
99.9% , #824,
Quart Bottle
MG Chemical**

30373 MG
1qt | 12.95 ea



**Thermal Grease II,
#8616, Syringe
MG Chemical**

30391 MG
8.2gm | 5.95 ea



**Electrosolve Con-
tact Cleaner, #409B
MG Chemical**

30361 MG
140gm | \$7.75
30362 MG
340gm | \$ 13.34



**Heavy Duty
Flux Remover,
#413B
MG Chemical**

30363 MG
425gm | 17.95 ea



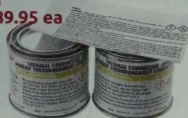
**Isopropyl Alcohol
Wipe, #824-W
MG Chemical**

30374 MG
25pkg | 11.45 ea



**Thermal Conductive
Adhesive, 8329TCS,
Slow Cure
MG Chemical**

31968 MG
200ml | \$89.95 ea



**Super Cold 134 #403A
MG Chemical**

30355 MG
185gm | \$10.19
30356 MG
400gm | \$13.87



**Contact Cleaner
with Silicone,
#404B
MG Chemical**

30357 MG
140gm | \$7.85
30358 MG
340gm | \$12.39



**Alcohol Wipes,
General purpose,
#8241-T,
MG Chemical**

30375 MG | 8.95 ea



**Thermal Conduc-
tive Adhesive,
#8329TCS, Slow Cure
MG Chemical**

31967 MG
6ml | \$9.85 ea



**Super Wash Cleaner/
Degreaser, #406B
MG Chemical**

30359 MG
425gm | \$15.26 ea



**Nu-Trol Control
Cleaner, #401B
MG Chemical**

30350 MG
140gm | 7.65 ea



**Rosin Flux, Liquid
#835 Bottle
MG Chemical**

30382 MG
100ml | 8.95 ea



**Adhesive, Extreme
Conductivity #8330S
Silver Filled
MG Chemical**

30379 MG
21gm | \$65.00 ea



**Acrylic Conformal
Coating, #419C
MG Chemical**

30365 MG
340gm | \$17.95 ea



**Super Duster 134,
#402A
MG Chemical**

30351 MG
285gm | \$9.51
30352 MG
450gm | \$14.79



**Rubber Renue,
#408A Bottle
MG Chemical**

30360 MG
125ml | 7.95 ea



**Thermal Conductive
Adhesive, #8329TCM,
Medium Cure
MG Chemical**

31969 MG
6ml | \$9.95 ea



**Super Shield, Nickel
Coating, #841,
MG Chemical**

30384 MG
340gm | \$36.95 ea



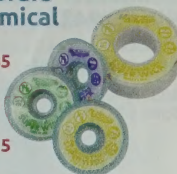
**Super Duster 152,
#402B
MG Chemical**

30353 MG
285gm | \$7.45
30354 MG
400gm | \$9.95



**Solder Braid
MG Chemical**

30369 MG
#424 | \$2.85
30370 MG
425 | \$2.95
30371 MG
#426 | \$3.15
30372 MG
#442 | \$10.95



**Adhesive, Conductive
#8331, Silver Filled
MG Chemical**

30380 MG
14gm | 39.95 ea



**Red GLPT Varnish,
#4228 Bottle
MG Chemical**

30367 MG
225ml | 24.97 ea



**Black Heatshrink
Rolls 100'**

16334 HS
0.8mm | \$5.95
16335 HS
1mm | \$5.95



Heat Shrink Assortment, 160Pcs. 4" Black

32258 HS
\$11.95 ea



**Conductive Grease,
#846 Carbon Filled,
MG Chemical**

30386 MG
80gm | 15.95 ea



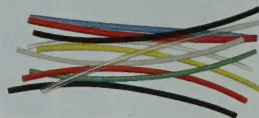
**Potting Compound,
#832C Clear
MG Chemical**

30377 MG
375ml | 29.61 ea



1/8" Heat Shrink Assortment, 6in. Long, Color

16831 HS | \$2.25 ea



Heat Shrink Assortment, 4" Long, Color

16843 HS
\$11.95 ea



**Conductive Ink Pen,
#8420-P Silver Filled,
MG Chemical**

30385 MG
8.5gm | 27.95 ea



**Potting Compound,
#832B Black
MG Chemical**

30376 MG
375ml | 30.57 ea



3/16" Heat Shrink Assortment, 6in. Long, Color

16832 HS | \$2.50 ea



Heat Shrink Assortment, 2-1/2" Long, Black

16835 HS
\$10.95 ea



**White Lithium Grease,
#8461 Squeeze Tube,
MG Chemical**

30387 MG
85ml | 7.15 ea



**Potting Compound,
#833FRB Flame Retardant - MG Chemical**

30378 MG
375ml | 43.95 ea



1/4" Heat Shrink Assortment, 6in. Long, Color

16833 HS | \$2.75 ea



Heat Shrink, Dual Wall Assortment. 4" Long

16484 HS
\$16.95 ea



**Silicone Grease,
#8462 Translucent Squeeze Tube
MG Chemical**

30388 MG
85ml | 12.39 ea



**Total Ground Conductive Carbon
#838 Aerosol Can
MG Chemical**

30383 MG
340gm | 18.95 ea



3/8" Heat Shrink Assortment, 6in. Long, Color

16834 HS | \$2.95 ea



Wiring Accessory Kit

16485 HS | \$16.95 ea



**Connector Coat
Black, #4229
Bottle
MG Chemical**

30368 MG
55ml | 14.95 ea



**Adhesive, Conductive,
#8331S, Silver Filled
MG Chemical**

30381 MG
15GM | 65.00 ea

Heat Shrink Assortment, 6in. Long, Black

16830 HS | \$3.95 ea



500pc. 4" Cable Ties in 5 Colors

34524 TY | \$4.95 ea

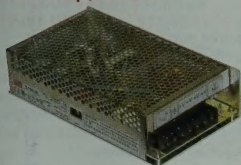


Power Supplies

Visit www.mpja.com for Complete Product Line

9V @ 16.7Amp Meanwell Supply

18367 PS | \$14.95 ea



12VDC 750mA USED Unreg. Plug Supply Leader

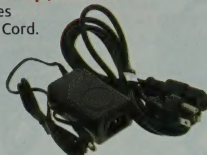
33475 PD | \$2.95 ea



9VDC 1A Adapter Power Supply Ault

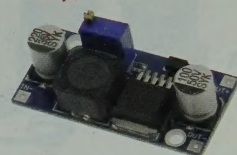
32214 PS | \$4.95 ea

Includes
Power Cord.



Adjustable Boost DC/DC Converter

31397 PS | \$4.95 ea



+5V, +3.3V, +24V & -12V Meanwell Supply

18366 PS | \$29.95 ea



12VDC 2.5A Plug Power Supply Netgear

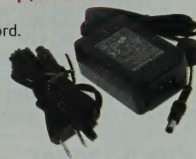
33380 PS | \$6.95 ea



12VDC 2A Adapter Power Supply Sino

32483 PS | \$7.95 ea

Includes
Power Cord.



Adjustable Boost DC/DC Converter with Meter

33525 PS | \$7.95 ea



HF320W Hengfu Supply

31340 PS | 5V/60A | \$59.95 ea

31342 PS | 12V/25A | \$59.95 ea

31344 PS | 24V/13A | \$59.95 ea



5VDC 4A Plug Power Supply Openpeak

18520 PS | \$6.95 ea



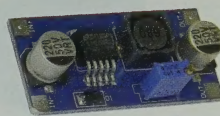
12VDC 2.5A Used Adapter Power Supply Leader

30201 PS | \$5.95 ea



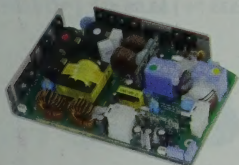
Adjustable Buck DC/DC Converter

30148 PS | \$3.95 ea



28V @ 10.8Amp NAO Supply

18927 PS | \$29.95 ea



5VDC 2A Plug USB Power Supply

32736 PS | \$2.95 ea



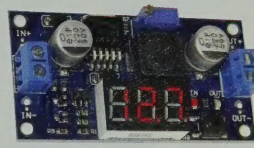
12VDC 3A Adapter Power Supply

34445 PS | \$6.95 ea



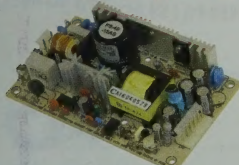
Adjustable Buck DC/DC Converter with Meter

30149 PS | \$9.95 ea



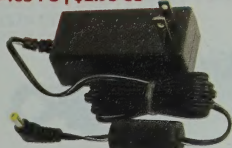
15V @ 3Amp Meanwell Supply

31506 PS | \$9.95 ea



9VDC 1A Power Supply Kenwood

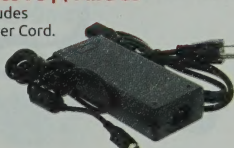
19463 PS | \$2.95 ea



24VDC 5A Adapter Power Supply Megmeet

32885 PS | \$14.95 ea

Includes
Power Cord.



Constant Voltage & Current DC/DC Converter

31562 PS | \$4.95 ea



24V @ 2.7Amp SL Power Supply

33786 PS | \$9.95 ea



15VDC 900mA Power Supply iConnect

32486 PS | \$2.50 ea



48VDC 2.08A Adapter Power Supply XP Power

32492 PS | \$18.95 ea



Adjustable DC/DC Regulator

31800 PS | \$2.95 ea



Toll Free Orders: 1-800-652-6733



\$6.95*

FLAT RATE SHIPPING



*Restrictions
Apply

Chassis Mount Transformers



Selecting Transformers

Volts & Current listed are nominal RMS. Open circuit and loaded values are different. Type of rectifier/filter circuit will effect secondary & output current and they can be very different.

Full wave center tap choke input filter:

Transformer secondary amps are .7 X required output amps.

Full wave center tap cap input filter:

Transformer secondary amps are 1.2 X required output amps.

For Full wave bridge choke input filter:

Transformer secondary amps are = to required output amps

For Full wave bridge cap input filter:

Transformer secondary amps are 1.8 X required output amps.

STOCK #	STYLE	INPUT	OUTPUT VOLTS	AMPS	LEADS	DIMN. (L W H)	WT.	TEA
27838-TR	A	110/220VAC	12VAC (6V-0V-6V)	1A	6"	2-3/4" x 1-1/2" x 1-5/8"	.6	\$6.75
27839-TR	A	110/220VAC	12VAC (6V-0V-6V)	2A	6"	3-1/4" x 2" x 2"	1.3	\$8.95
27840-TR	A	110/220VAC	12VAC (6V-0V-6V)	4A	6"	4" x 2" x 2-1/4"	1.7	\$15.95
27841-TR	A	110/220VAC	18VAC (9V-0V-9V)	1A	6"	3" x 2" x 1-3/4"	.8	\$6.95
27842-TR	A	110/220VAC	18VAC (9V-0V-9V)	1.5A	6"	3-1/4" x 2" x 1-7/8"	1.1	\$8.95
27843-TR	A	110/220VAC	18VAC (9V-0V-9V)	2A	6"	3-1/4" x 2" x 1-7/8"	1.1	\$8.95
27844-TR	A	110/220VAC	24VAC (12V-0V-12V)	2A	6"	3-1/2" x 2-1/4" x 2"	1.4	\$11.95
27845-TR	A	110/220VAC	24VAC (12V-0V-12V)	4A	6"	3-7/8" x 2-1/2" x 2-1/4"	2.3	\$18.95
27846-TR	B	110/220VAC	24VAC (12V-0V-12V)	10A	6"	3-3/4" x 3-5/8" x 3-3/8"	5.5	\$39.95

The Transformers above have a Center tapped secondary allowing use of Half wave, Full wave center tap or Full wave bridge rectifier circuits.

500VA 0-130VAC Variable Power Transformer

15162 TR
\$59.95 ea



2KVA 0-130VAC Variable Power Transformer

15163 TR
\$114.95 ea



Control Transformer 120/220/240/480V 50VA

31833 TR | \$39.95 ea



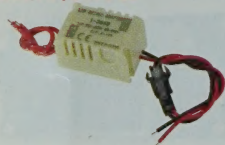
8/16V, 80VA Transformer HAMMOND

32755 TR
\$13.95 ea



LED Driver 3W Output 85-265VAC Input

31536 PS | \$1.95 ea



LED Driver 10W Output 90-264VAC Input

32817 PS | \$3.95 ea



LED Driver 20W Output 110-260VAC Input

31538 PS | \$5.95 ea



LED Driver 30W Output 110-260VAC Input

31539 PS | \$8.95 ea



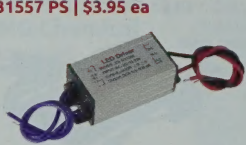
LED Driver 3W Output 12VDC Input

31556 PS | \$1.95 ea



LED Driver 10W Output 12-24VDC/DC Input

31557 PS | \$3.95 ea



LED Driver 20W Output 12-24VDC Input

31558 PS | \$8.95 ea



LED Driver 30W Output 12-24VDC Input

31559 PS | \$8.95 ea



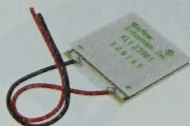
Sealed Lead Acid Re- chargeable Batteries

17280 BT | 6V 4Amp | \$7.95 ea
14817 BT | 6V 8Amp | \$19.95 ea
14819 BT | 12V 7Amp | \$22.95 ea



Thermoelectric Cooling Module 63 couple 12VDC

34134 PM | \$4.95 ea



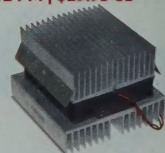
Thermoelectric Cooling Module 127 couple 12VDC

30207 PM | \$4.98 ea



Peltier Cooling Assembly, 12VDCut

15312 PM | \$29.95 ea



12VDC 5 Meter Roll LEDs

19434 OP | Cool White | \$12.95 ea
 33111 OP | Med. White | \$12.95 ea
 31362 OP | Red | \$12.95 ea
 19441 OP | Blue | \$12.95 ea

Water proof
 IP65 PVC
 encapsulated roll
 with wire pigtail
 for connection.

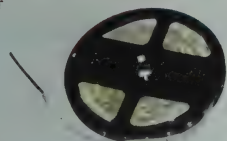
**5 Meter Roll RGB LED, Controller and Supply**

31541 OP | \$19.95 ea
 PVC encapsulated roll, controller not
 water proof
 with IR
 remote.

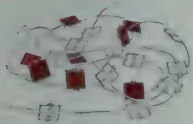
**12VDC 5 Meter Cool White LED Roll**

31192 OP | \$9.95 ea

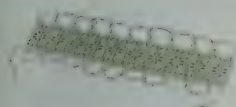
Indoor
 Only!

**12VDC 72 Lumen Cool White 20 Module Strig**

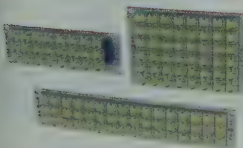
19438 OP | \$14.95 ea

**12VDC 36 Lumen Cool White 20 Module Strig**

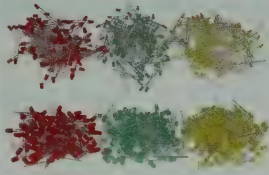
31366 OP | \$12.95 ea

**12VDC Cool White Piranah LED boards**

32035 OP | 3 x 8 LEDs | \$4.95 ea
 33081 OP | 3 x 16 LEDs | \$9.95 ea
 33070 OP | 6 x 8 LEDs | \$9.95 ea

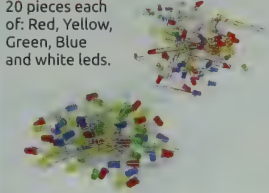
**Bulk Pack LEDs**
100 per pack

15101 OP | 3mm Red | \$1.95 ea
 15102 OP | 3mm Green | \$1.95 ea
 15103 OP | 3mm Yellow | \$1.95 ea
 15104 OP | 3mm Blue | \$2.95 ea
 15108 OP | 5mm Red | \$1.95 ea
 15307 OP | 5mm White | \$2.95 ea
 15308 OP | 5mm Green | \$1.95 ea
 15309 OP | 5mm Yellow | \$1.95 ea
 31363 OP | 5mm Blue | \$3.95 ea

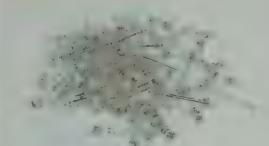
**Assortment Pack LEDs**
100 per pack

32674 OP | 3mm | \$2.95 ea
 32066 OP | 5mm | \$2.95 ea

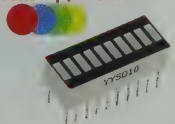
20 pieces each
 of: Red, Yellow,
 Green, Blue
 and white leds.

**Flashing RGB 5mm LEDs Pack of 100**

32889 OP | \$4.95 ea

**10 Segment LED Bargraph**

32253 OP | Red | \$1.75ea
 32325 OP | Blue | \$1.75ea
 32326 OP | Green | \$1.75ea
 32327 OP | Yellow | \$1.75ea

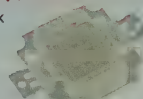
**12VDC 5mm LED Lamps**

30124 LA | Red | \$0.75ea
 30125 LA | Green | \$0.75ea
 30126 LA | Yellow | \$0.75ea
 30127 LA | Blue | \$0.75ea
 30128 LA | White | \$0.75ea

**10 Watt LEDs**

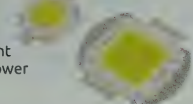
31515 OP | Red | \$3.95 ea
 31516 OP | Green | \$3.95 ea
 31517 OP | Blue | \$2.95 ea
 31183 OP | Warm White | \$2.95 ea
 31518 OP | RGB | \$3.95 ea

Requires heatsink
 and current
 control power
 supply!

**High Lumen Cool White LEDs**

31325 OP | 10 Watt | \$2.95 ea
 31326 OP | 20 Watt | \$7.95 ea
 31327 OP | 30 Watt | \$9.95 ea

Requires
 heatsink
 and current
 control power
 supply!

**10 Watt Infrared LEDs**

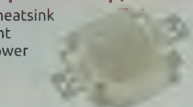
32621 OP | 730nm | \$22.95 ea
 32622 OP | 850nm | \$10.95 ea
 32623 OP | 940nm | \$9.95 ea

Requires
 heatsink
 and current
 control power
 supply!

**10 Watt Ultraviolet LEDs**

32614 OP | 365-367nm | \$49.95 ea
 32616 OP | 385-390nm | \$14.95 ea
 32617 OP | 395-400nm | \$14.95 ea
 32618 OP | 410-415nm | \$10.95 ea
 32619 OP | 420-430nm | \$9.95 ea

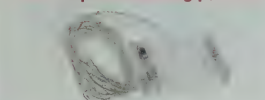
Requires heatsink
 and current
 control power
 supply!

**10mm Super Bright Cool White LED 15000mcd**

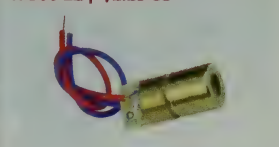
15415 OP | \$0.15 ea
 Current limiting resistor required

**50 LEDs in a 5 Meter String**

31985 OP | Cool White | \$5.95ea
 31986 OP | Red | \$5.95ea
 31987 OP | Blue | \$5.95ea
 31984 OP | RGB Flashing | \$9.95ea

**3VDC Mini LASER Head 635nm <5mw**

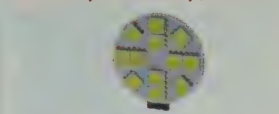
19566 LZ | \$2.25 ea

**5VDC LASER Diode Red Crosshair Pattern <5mw**

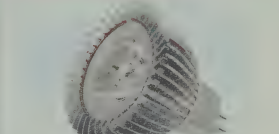
33029 LZ | \$2.95 ea

**12VDC Bi-Pin G-4 LED Modules**

33410 OP | Warm White | \$1.95 ea
 33411 OP | Cool White | \$1.95 ea

**12V AC/DC 3Watt Cool White MR-16 LED**

31975 OP | \$3.95 ea

**12V AC/DC LED Indicators**

32750 LA | Red | \$2.49 ea
 32751 LA | Green | \$2.49 ea
 32752 LA | Blue | \$2.49 ea

**12V AC/DC 22mm LED Indicators**

31087 LE | Red | \$2.95 ea
 31088 LE | Green | \$2.95 ea
 31089 LE | Yellow | \$2.95 ea



Solid State Relay

31931 RL | 10 Amp | \$5.95 ea
31932 RL | 25 Amp | \$8.95 ea
31933 RL | 40 Amp | \$10.95 ea

DC-AC
3-32VDC control
voltage, 24-
480VAC output
voltage SPST-NO
AC only



Solid State Relay

33980 RL | 10 Amp | \$6.95 ea
33981 RL | 25 Amp | \$9.95 ea
33932 RL | 40 Amp | \$11.95 ea

DC-DC
3-32VDC
control voltage.
5-60VDC output
voltage SPST-NO
DC only



Solid State Relay

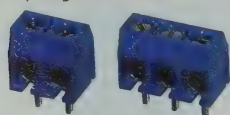
33984 RL | 10 Amp | \$6.95 ea
33985 RL | 25 Amp | \$8.95 ea
33986 RL | 40 Amp | \$11.95 ea

AC-AC
80-280VAC
control voltage.
24-480VAC output
voltage SPST-NO
AC only



PC Mount Terminal Strip

18318 TS | 2 Position | \$0.39 ea
18319 TS | 3 Position | \$0.49 ea
5mm spacing end stackable



5.5mm Power Jacks

32104 PL | 5.5/2.1mm | \$1.49 ea
32105 PL | 5.5/2.5mm | \$1.49 ea
Metal Chassis mount connector with
solder tabs



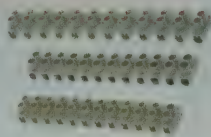
5.5mm Power Adaptors

19452 PL | 2.1mm Plug | \$0.89 ea
19453 PL | 2.5mm Plug | \$0.89 ea
19454 PL | 2.5mm Jack | \$0.89 ea
19455 PL | 2.5mm Jack | \$0.89 ea
Adaptor wire leads to coaxial/barrel
power connectors Screw terminals to
2.1mm D/D plugs and Jacks.



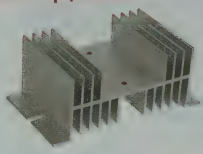
12 Position Euro Block

32940 TS | 10Amp | \$1.75 ea
32941 TS | 20Amp | \$1.85 ea
32675 TS | 30Amp | \$1.95 ea



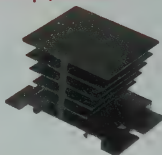
Heat Sink for Solid State Relay

32434 HK | \$4.95 ea



Heat Sink for Solid State Relay

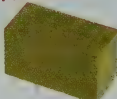
32052 HK | \$3.95 ea



DPDT DIP Relay

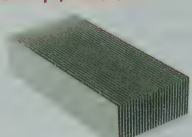
32555 RL | 3VDC | \$1.29 ea
32556 RL | 5VDC | \$1.29 ea
32558 RL | 9VDC | \$1.29 ea
32559 RL | 12VDC | \$1.29 ea
32560 RL | 24VDC | \$1.29 ea

HK19F Series DC
relays contacts
rated 1A/125VAC or
2A/30VDC



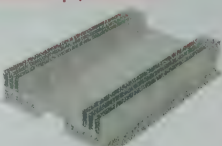
5-7/8" x 2-3/4" x 1-7/16" Aluminum Heat Sink

32088 HK | \$12.95 ea



10" x 7" x 2" Aluminum Heat Sink

33305 HK | \$23.95 ea



Threaded locking connector pair

32420 PL | 2 Pin | \$1.95 ea
32421 PL | 3 Pin | \$1.95 ea
32423 PL | 5 Pin | \$1.95 ea
32426 PL | 8 Pin | \$1.95 ea



Snap locking connector pair

32567 PL | 2 Pin | \$2.89 ea
32568 PL | 3 Pin | \$2.89 ea
32569 PL | 4 Pin | \$2.89 ea
32570 PL | 5 Pin | \$2.89 ea



200Amp Binding Posts Red & Black Pair

32937 PL | \$4.95 ea



Adjustable 3 Axis Stage 33383 MI | \$169.95 ea



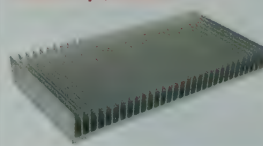
2 Axis X/Y Stage

33402 MI | \$139.95 ea



15-3/4" X 7-13/16" X 2" Aluminum Heat Sink

33306 HK | \$59.95 ea



UL Hook-Up Wire



Handy spool of 100ft. General Purpose
300 Volt, 105Deg. "C", UL 1007/1569
Copper conductor Hook-up wire.

SOLID 22AWG

STOCK #	DESC.	WT.: 4
32270-WI	Solid Red	\$8.95
32271-WI	Solid Black	\$8.95
32272-WI	Solid Yellow	\$8.95
32273-WI	Solid Blue	\$8.95
32274-WI	Solid White	\$8.95
32275-WI	Solid Green	\$8.95

STRANDED 22AWG

STOCK #	DESC.	WT.: 4
32280-WI	Stranded Red	\$8.95
32281-WI	Stranded Black	\$8.95
32282-WI	Stranded Yellow	\$8.95
32283-WI	Stranded Blue	\$8.95
32284-WI	Stranded White	\$8.95
32285-WI	Stranded Green	\$8.95

STRANDED 18AWG

STOCK #	DESC.	WT.: 8
32290-WI	Stranded Red	\$12.95
32291-WI	Stranded Black	\$12.95
32292-WI	Stranded Yellow	\$12.95
32293-WI	Stranded Blue	\$12.95
32294-WI	Stranded White	\$12.95
32295-WI	Stranded Green	\$12.95

Solid 22Awg hook Up Wire Set

32267 WI | \$15.95 ea
6 colors 25' each spool



Stranded 22Awg hook Up Wire Set

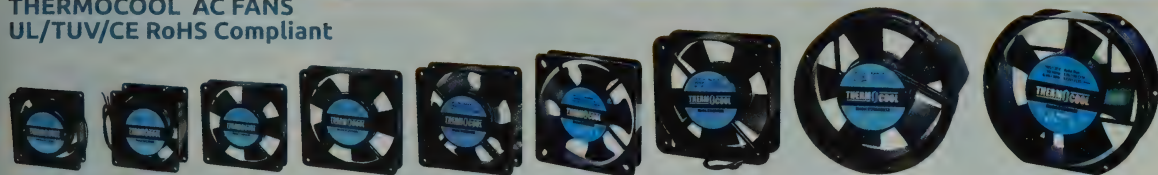
32269 WI | \$15.95 ea
6 colors 25' each spool



30AWG Wire Wrap Spools

33125 WI | Red | \$7.95 ea
33126 WI | Black | \$7.95 ea
33129 WI | Green | \$7.95 ea



THERMOCOOL AC FANS
UL/TUV/CE RoHS Compliant


STOCK#	FIG.	P/N	DIMN.	VOLTS/AMP	CFM	NOISE	BEARING	CONNECT	WT	1EA	12+EA
17771-FN	A	G8025HAS	3-1/8" SQ X 1"	125AC/.13	23	30	SLV.	WIRE	.6	\$9.95	\$8.95
17772-FN	B	G8038HAS	3-1/8" SQ X 1-1/2"	125AC/.14	28	33	SLV.	WIRE	.6	\$14.95	\$12.95
17773-FN	C	G9225HAS	3-5/8" SQ X 1"	125AC/.14	34	40	SLV.	TERM	.5	\$9.95	\$8.95
17774-FN	D	G12025HAS	4-11/16" SQ X 1"	125AC/.20	66	42	SLV.	TERM	.75	\$9.95	\$8.95
17775-FN	E	G12038HAS	4-11/16" SQ X 1-1/2"	125AC/.28	95	48	SLV.	TERM	1.1	\$12.95	\$10.95
17776-FN	E	G12038MAB	4-11/16" SQ X 1-1/2"	125AC/.22	85	44	BALL	TERM	1	\$15.95	\$12.95
17777-FN	E	G12038MAS	4-11/16" SQ X 1-1/2"	125AC/.22	85	44	SLV.	TERM	1.1	\$11.95	\$9.95
17778-FN	F	G13538HAS	5-5/16" SQ X 1-1/2"	125AC/.34	122	53	SLV.	WIRE	1.2	\$14.95	\$12.95
17779-FN	G	G15050HAS	6" SQ X 2"	125AC/.40	198	58	SLV.	WIRE	1.9	\$22.95	\$19.95
17780-FN	H	G17050HASB	6-3/4" RND X 2"	125AC/.40	198	59	BALL	TERM	1.8	\$22.95	\$19.95
17781-FN	I	G17050HAST	6-3/4" X 6 X 2"	125AC/.40	198	59	BALL	TERM	1.9	\$22.95	\$19.95

FAN GUARDS

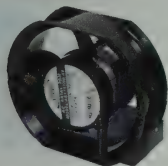
PICTURES ARE
REPRESENTATIVE OF
THE STYLE AND MAY
NOT BE EXACT.



STOCK#	FIG.	FAN SIZE	STYLE	MOUNTING	MAT.	FINISH	WT.	1EA	10+EA
18383-FN	A	1-9/16"/40MM	OFFSET	4 CORNERS	STEEL	CHROME	.01	\$0.99	\$0.89
18384-FN	B	2-3/8"/60MM	OFFSET	4 CORNERS	STEEL	CHROME	.03	\$0.99	\$0.89
18386-FN	D	3-1/8"/80MM	OFFSET	4 CORNERS	STEEL	CHROME	.04	\$1.25	\$0.99
18387-FN	E	3-5/8"/90MM	OFFSET	4 CORNERS	STEEL	CHROME	.05	\$1.25	\$0.99
18388-FN	F	4-11/16"/120MM	OFFSET	4 CORNERS	STEEL	CHROME	.08	\$1.39	\$1.25
17815-FN	G	5" /127MM	OFFSET	4 CORNERS	STEEL	CHROME	.13	\$0.49	\$0.49

120VAC 6-3/4" Fan

31876 FN | \$22.95 ea
172mm X 50mm X 150mm


120VAC 4-11/16" X 1-1/2" Fan

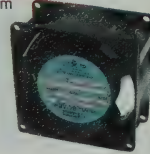
33012 FN | \$8.95 ea
120mm X 38mm


120VAC 3-1/2" x 1-1/2" Fan

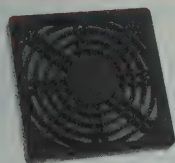
33010 FN | \$7.95 ea
80mm X 38mm


230VAC 3-1/2" X 1-1/2" Fan

33489 FN | \$5.95 ea
80mm X 38mm


Plastic Guard & Filter

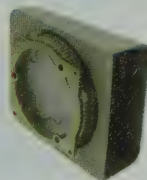
33403 FN | 80mm | \$1.79 ea
33404 FN | 120mm | \$1.95 ea


Louvered Fan Guard with Dust Filter for 4-11/16" (120mm) Fan

33406 FN
\$3.95 ea


Cabinet Vent with Dust Filter and Bracket

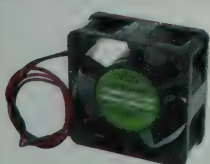
33405 FN
\$9.95 ea


4 plugs 27" Fan Cord

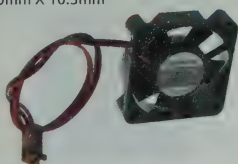
30347 FN | \$1.95 ea


5Vdc 2-3/8" X 1" Fan

33704 FN | \$2.95 ea
60mm X 25mm


5VDC 1-9/16" X 3/8" Fan

34466 FN | \$2.95 ea
40mm X 10.5mm


5VDC 1-9/16" X 3/8" Fan

31854 FN | \$2.95 ea
40mm X 10mm


5Vdc 1-9/16" X 1/2" Fan

31414 FN | \$1.95 ea
40mm X 13mm



12VDC 2" X 3/8"

T&T Fan 50mm X 10mm

12773 FN | \$1.65 ea



12VDC 1-1/2" X 1-1/8"

Delta Fan 38mm X 28mm

33157 FN | \$4.95 ea



12VDC 2-3/8" X 3/4"

Delta Fan 60mm X 20mm

32786 FN | \$2.95 ea



12VDC 2-3/8" X 1" Mit-

subishi Fan 60mm X 25mm

19389 FN | \$1.95 ea



12VDC 2-3/8" X 1"

Boxer Fan 60mm X 25mm

33482 FN | \$2.95 ea



12VDC, 2-3/8" X 1"

Jamicon Fan 60mm X 25mm

17526 FN | \$2.95 ea



12VDC 2-3/4" X 3/4"

AVC Fan 70mm X 20mm

32788 FN | \$2.95 ea



12VDC 3-1/8" X 1"

NMB Fan 80mm X 25mm

32685 FN | \$5.95 ea



12VDC, 3-1/8" X 1"

Delta Fan 80mm X 25mm

18842 FN | \$4.95 ea

With IDE
Power
Connector



12VDC 3-1/8" X 1"

NMB Fan 80mm X 25mm

33480 FN | \$2.49 ea



12VDC 3-1/8" X 1" Box

NMB Fan 80mm X 25mm

33820 FN | \$2.95 ea



12VDC 3-5/8" X

11/16" Fan 92mm X 25mm

19387 FN | \$5.95 ea



12VDC 3-5/8" X 1"

NMB Fan 90mm X 25mm

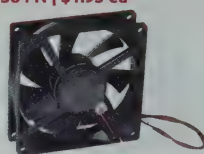
33484 FN | \$1.49 ea



12VDC 3-5/8" X 1"

Panaflo Fan 90mm X 25mm

19238 FN | \$1.95 ea



12VDC 4-11/16" X 1"

Sunon Fan 120mm X 25mm

32610 FN | \$4.95 ea



12VDC 4-11/16" X 1"

Sunon Fan 120mm X 25mm

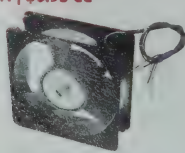
31203 FN | \$4.95 ea



12VDC 4-11/16" X

1-1/2" Fan 120mm X 38mm

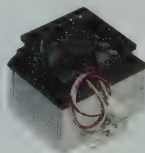
33923 FN | \$8.95 ea



12VDC Fan & Heatsink

17045 HK | \$4.95 ea

60mm X 80mm X 64mm



12VDC Fan & Heatsink

33477 HK | \$19.95 ea

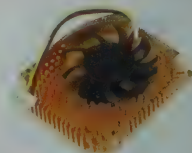
50mm X 50mm X 30mm



12VDC Fan & Heatsink

31838 HK | \$3.95 ea

60mm X 68mm X 12mm



24VDC 1-9/16" X 3/4"

Sunon Fan 40mm X 20mm

11785 FN | \$1.95 ea



24VDC 2-3/8" X 13/16"

Fan Globe 60mm X 20mm

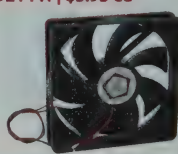
33483 FN | \$1.95 ea



24VDC 4-11/16" X 1"

Fan 125mm X 25mm

32921 FN | \$5.95 ea



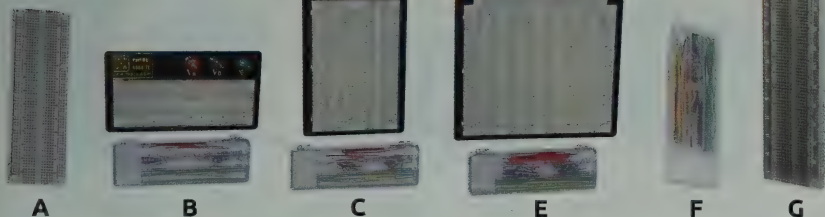
24VDC, 6-3/4" X 2"

Axial Fan 171mm X 51mm

33259 FN | \$24.95 ea



Solderless Breadboards

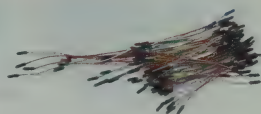


White ABS plastic body (except G clear), B, C & E come with metal mounting base. Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for combining multiple boards, Suitable for 19-29 AWG wire & all DIP size components. Please visit our web site for more detailed information.

STOCK #	FIG.	DESC.	SIZE L X W	WT.	1EA	10+EA
24443-TE	A	830 point	6-1/2" X 2-1/8"	.3	\$4.95	\$3.95
24444-TE	B	830 point 3 Binding Post and Jumper Kit	7-7/8" X 4-1/8"	.8	\$9.95	\$8.95
24445-TE	C	1660 point 3 Binding Post and Jumper Kit	8-3/8" X 5-1/8"	.9	\$12.95	\$12.45
24447-TE	E	3220 point 4 Binding Post and Jumper Kit	10-3/8" X 9-1/8"	2	\$22.95	\$21.95
27027-TE	F	140 Piece 22 AWG Jumper Wire Kit		.3	\$3.95	\$3.49
18103-TE	G	830 point Clear ABS Body	6-1/2" X 2-1/8"	.3	\$4.95	\$3.95

65 Piece Breadboard Jumper Pin Set

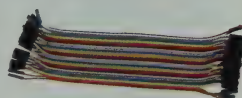
30116 PL | \$3.95 ea



40pc Header Jumper

30117 PL | F to F | \$3.95 ea
 31217 PL | M to M | \$3.95 ea
 31218 PL | M to F | \$2.72 ea

M = Male F = Female



Powered Breadboard

32920 TE | \$99.95 ea



8 Pin SOP Adapter Board Double Sided

31456 PB | \$0.59 ea



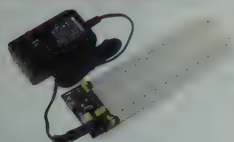
10 Pin SOP Adapter Board Double Sided

31457 PB | \$0.59 ea



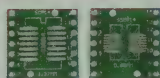
Powered Breadboard

30176 TE | \$10.95 ea



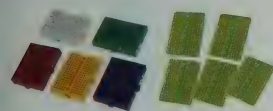
14 Pin SOP Adapter Board Double Sided

31864 PB | \$0.69 ea



Proto Board Special

33353 MI | \$6.95 ea
 5 pieces of 170 tie point breadboard and 5 pieces of 170 tie point proto board for one low price.



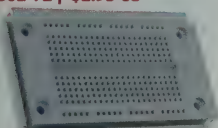
16 Pin SOP Adapter Board Double Sided

31459 PB | \$0.69 ea



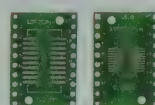
230 Tie Point Mini Solderless Breadboard, Unmounted

18862 TE | \$2.95 ea



20 Pin SOP Adapter Board Double Sided

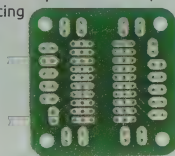
31460 PB | \$0.69 ea



20 pin IC Proto Board

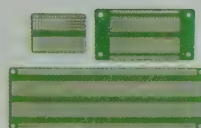
32540 PB | \$1.00 ea

Single Sided .062" phenolic board, .1" pad spacing



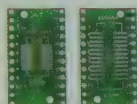
Proto Board

32891 PB | 170 holes | \$1.00 ea
 32892 PB | 276 holes | \$1.95 ea
 32893 PB | 830 holes | \$4.95 ea
 Based on the breadboard pattern



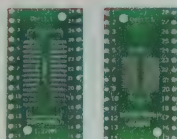
24 Pin SOP Adapter Board Double Sided

31461 PB | \$0.99 ea



28 Pin SOP Adapter Board Double Sided

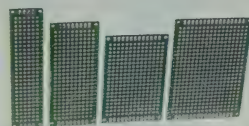
31462 PB | \$0.89 ea



ProtoBoard Set of 4

32065 PB | \$2.95 set

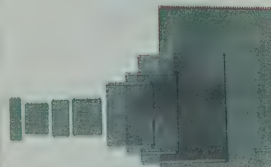
FR-4 boards with 0.1" spacing. One each of the following: 30123 PB, 31091 PB, 31169 PB and 31253 PB.



FR-4 Proto Board

Double sided, .1" pad spacing, Plated thru copper pads. Sold Individually

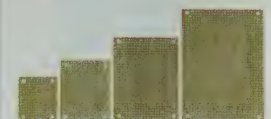
30123 PB | 2cm X 8cm | \$0.99 ea
 31091 PB | 4cm X 6cm | \$1.29 ea
 31253 PB | 3cm X 7cm | \$1.19 ea
 31169 PB | 5cm X 7cm | \$1.79 ea
 32011 PB | 8cm X 12cm | \$4.95 ea
 32012 PB | 9cm X 15cm | \$5.95 ea
 32013 PB | 15cm X 20cm | \$9.95 ea
 32014 PB | 20cm X 30cm | \$19.95 ea



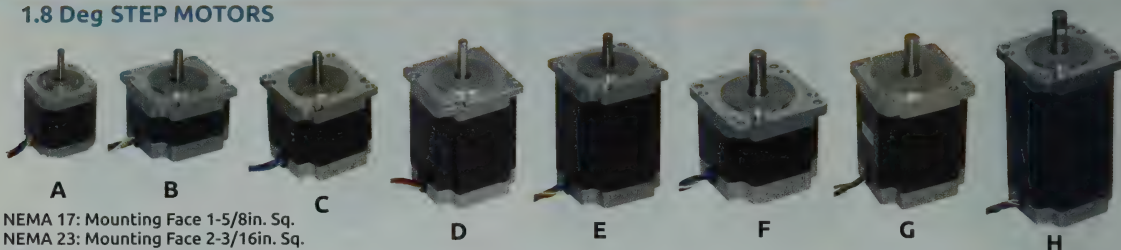
Phenolic Proto Board

Single sided, .1" pad spacing, unplated copper pads. Sold Individually

15918 PB | 44mm X 39mm | \$0.59 ea
 16227 PB | 60mm X 50mm | \$0.79 ea
 15914 PB | 82mm X 64mm | \$1.10 ea
 15912 PB | 110mm X 80mm | \$1.75 ea



1.8 Deg STEP MOTORS



NEMA 17: Mounting Face 1-5/8in. Sq.

NEMA 23: Mounting Face 2-3/16in. Sq.

NEMA 34: Mounting Face 3-3/8in. Sq.

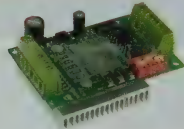
Note: * Indicated Step Motor has a DUAL SHAFT.

Additional Information Available On our website

STOCK #	FIG.	NEMA	VDC	A	W	HLD. TORQ.	P/N	TYPE	LENGTH (BODY)	SHAFT	WT.	1EA
18735-MS	A	17	5.2V	.5	10.5	1.5Kg/cm	42BHH34-050A-18	6 lead	1-3/8"	5 X 17mm	.5	\$9.95
18733-MS	A	17	12V	.31	38	1.6Kg/cm	42BHH34-031A-18G	6 lead	1-3/8"	5 X 17mm/Flat	.5	\$9.95
17453-MS	A	17	5.2V	1	5.2	3.2Kg/cm	42BHH48-100E-24	6 lead	2"	5 X 22mm	.84	\$15.95
18734-MS	A	17	12V	.4	30	3.2Kg/cm	42BHH48W-040B-24	6 lead	1-7/8"	5 X 22mm	.76	\$10.95
18686-MS	B	23	2.8V	2	1.4	4.2Kg/cm	57BHH41-200B-21	6 lead	1-5/8"	6.35 X19mm	1	\$17.95
17454-MS	B	23	24V	.34	71	4.4Kg/cm	57BHH41-034A-21	6 lead	1-5/8"	6.35 X19mm	1	\$17.95
17455-MS	C	23	6.2V	1	6.2	9Kg/cm	57BHH56-10D-21N	6 lead	2-3/8"	6.35 X19mm	1.6	\$14.95
18728-MS	C*	23	6.2V	1	6.2	9Kg/cm	57BHH56-10D-21DH	6 lead	2-3/8"	6.35 X20mm/Dual	1.6	\$15.95
18189-MS	D	23	5.7V	2.3	2.5	16Kg/cm	57BHH76-200B-25C	6 lead	3"	6.35 X25mm	2.3	\$23.95
18729-MS	D*	23	5.7V	2.3	2.5	16Kg/cm	57BHH76-200B-26DA	6 lead	3"	6.35 X24mm/Dual	2.4	\$23.95
18687-MS	D	23	4.5V	2.5	1.8	18Kg/cm	57BHH76-250E-21G	6 lead	3"	6.35 X25mm	3.4	\$24.95
17456-MS	E	23	3.6V	3	1.2	21Kg/cm	57BHH82-300E-21U	6 lead	3-1/4"	6.35 X19mm	2.6	\$34.95
17458-MS	F	34	3.0V	3	1	23Kg/cm	86BHH76-400C-35	6 lead	3"	13 X35mm	4.7	\$54.95
18190-MS	G	34	6.0VDC	2	3	48Kg/cm	86BHH114-200C-37B5	8 lead	4-17/32"	13 X35mm	8.1	\$68.00
17457-MS	H	34	7.8VDC	2	3.9	63Kg/cm	86BHH150-200A-37B5	8 lead	6"	13 X35mm	11	\$79.95

3A Step Motor Driver

31306 MS | \$14.95 ea



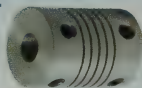
1.5A Step Motor Driver

18187 MS | \$54.90 ea

Free Power Supply



Flexible Helical Cut Coupler

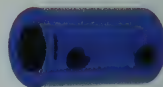


33600 HD | 3mm to 4mm | \$3.95 ea
 33601 HD | 3mm to 6mm | \$3.95 ea
 33602 HD | 3mm to 1/4" | \$3.95 ea
 33603 HD | 4mm to 5mm | \$3.95 ea
 33604 HD | 4mm to 6mm | \$3.95 ea
 33605 HD | 4mm to 1/4" | \$3.95 ea
 33606 HD | 4mm to 8mm | \$3.95 ea
 33607 HD | 4mm to 10mm | \$3.95 ea
 33608 HD | 5mm to 6mm | \$3.95 ea
 33609 HD | 5mm to 1/4" | \$3.95 ea
 33610 HD | 5mm to 8mm | \$3.95 ea
 33611 HD | 6mm to 6mm | \$3.95 ea
 33612 HD | 6mm to 1/4" | \$3.95 ea
 33613 HD | 6mm to 8mm | \$3.95 ea
 33614 HD | 6mm to 10mm | \$3.95 ea
 33615 HD | 1/4" to 1/4" | \$3.95 ea
 33617 HD | 1/4" to 8mm | \$3.95 ea
 33619 HD | 7mm to 7mm | \$3.95 ea
 33620 HD | 7mm to 8mm | \$3.95 ea
 33621 HD | 8mm to 8mm | \$3.95 ea
 33622 HD | 8mm to 10mm | \$3.95 ea
 33623 HD | 10mm to 10mm | \$3.95 ea

Rigid Shaft Coupler

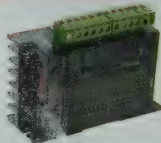
33557 HD | 5mm to 5mm | \$2.95 ea

33560 HD | 5mm to 8mm | \$2.95 ea

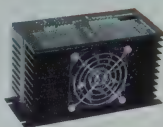


3.5A Step Motor Driver

32383 MS | \$19.95 ea

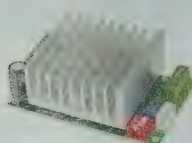


AC Powered Step Motor Driver 18727 MS | \$169.95 ea



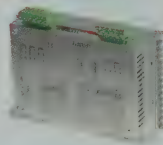
4A Step Motor Driver

32381 MS | \$17.95 ea



6A Step Motor Driver

18188 MS | \$96.00 ea



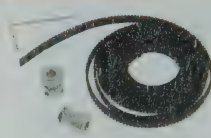
5A Step Motor Driver

32382 MS | \$19.95 ea



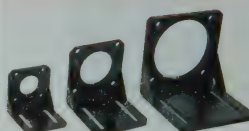
Linear Drive Belt Kit

32387 MI | \$8.95 ea



Step Motor Bracket

32431 MS | Nema 17 | \$4.95 ea
 32379 MS | Nema 23 | \$4.95 ea
 32432 MS | Nema 34 | \$8.95 ea



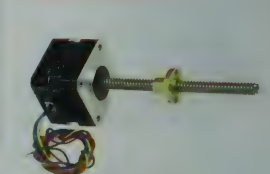
300mm Leadscrew Step Motor

33515 MS | \$29.95 ea



100mm Leadscrew Step Motor

31564 MS | \$29.95 ea



350mm Leadscrew Kit

32396 HD | \$19.95 ea



Step Motors

Visit www.mpja.com for Complete Product Line

2.7V 1.8 Deg NEMA 23 Step Motor

30460 MS | \$7.95 ea
4 Wire Leads



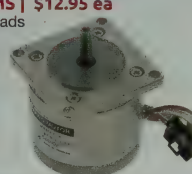
3V 1.8 Deg NEMA 23 Step Motor

17153 MS | \$7.45 ea
4 Wire Leads



9V 1.8 Deg NEMA 23 Step Motor

32493 MS | \$12.95 ea
4 Wire Leads



3V 1.8 Deg NEMA 23 Step Motor

18854 MS | \$14.95 ea
6 Wire Leads



2.5V 1.8 Deg NEMA 23 Step Motor

31394 MS | \$8.95 ea
6 Wire Leads



5.3V 1.8 Deg NEMA 23 Gear Head Step Motor

17461 MS
\$7.45 ea
5 Wire Leads



USED 24V 1.8 Deg NEMA 23 Step Motor

15837 MS | \$8.95 ea
5 Wire Leads



3.84V 1.8 Deg NEMA 23 Step Motor

17607 MS | \$9.95 ea
5 Wire Leads



10.4V 1.8 Deg NEMA 17 Step Motor

33449 MS | \$10.95 ea
4 Wire Leads with motor bracket and 8mm coupler



10.4V 1.8 Deg NEMA 17 Step Motor

33448 MS | \$10.95 ea
4 Wire Leads with motor bracket and 1/4" coupler



10.4V 1.8 Deg NEMA 17 Step Motor

33358 MS | \$12.95 ea
4 Wire Leads with COG belt and gear set.



10.4V 1.8 Deg NEMA 17 Step Motor

33356 MS | \$7.95 ea
4 Wire Leads



3.5V 3.75 Deg NEMA 17 Step Motor

32101 MS | \$5.95 ea
4 Wire Leads



5V Leadscrew Micro Step Motor

32378 MS | \$1.95 ea
4 P.C. Mount Leads



12V 1.8 Deg NEMA 14 Step Motor

18688 MS | \$13.75 ea
6 Wire Leads



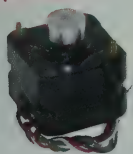
12V 1.8 Deg NEMA 14 Step Motor

18689 MS | \$13.75 ea
4 Wire Leads



24V 3.6 Deg NEMA 17 Step Motor

24318 MS | \$4.95 ea
5 Wire Leads



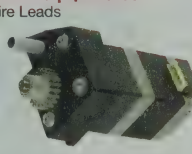
56V Gearhead Step Motor

18891 MS | \$14.95 ea
4 Wire Leads



2.66V .1 Deg NEMA 11 Step Motor

31129 MS | \$9.95 ea
6 Wire Leads



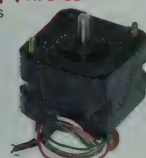
1.8 Deg NEMA 17 Step Motor

19533 MS | \$9.95 ea
4 Wire Leads



24V 3.6 Deg NEMA 17 Step Motor

18885 MS | \$1.95 ea
5 Wire Leads



12V 3.75 Deg Step Motor

31393 MS | \$1.95 ea
4 Wire Leads



USED 3V 7.5 Deg Step Motor

30231 MS | \$2.95 ea
6 Wire Leads



24V 7.5 Deg Step Motor

18368 MS | \$1.95 ea
5 Wire Leads



Toll Free Orders: 1-800-652-6733

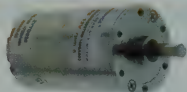


\$6.95*

FLAT RATE SHIPPING



*Restrictions Apply



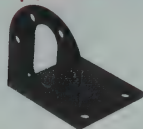
12VDC Gear Motor

37 mm dia X 51 mm long motor plus 6mm dia. X 14mm shaft, bronze bearings. Six M3x0.5 mounting holes in front. Solder terminals

32203 MD | 5 RPM | \$12.95 ea
32204 MD | 30 RPM | \$12.95 ea
32205 MD | 50 RPM | \$12.95 ea
32206 MD | 100RPM | \$12.95 ea

37mm Motor Bracket

33574 MD | \$3.95 ea



3-6VDC Motor & Tire

32064 MD | \$3.95 ea



12VDC ACME Gear Motor

32575 MD | \$19.95 ea



24VDC Leadscrew Gear Head Motor

32681 MD | \$19.95 ea



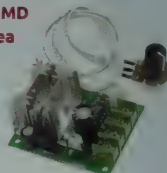
24VDC Gear Head Motor

32684 MD | \$19.95 ea



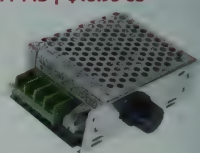
6-24VDC 20Amp Max Motor Speed Control

31566 MD
\$8.95 ea



12-80VDC 20Amp Max Motor Speed Control

33377 MD | \$15.95 ea



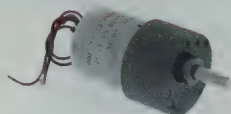
12VDC Gear Motor

17 mm dia X 45mm long motor plus 3mm dia. X 8mm shaft, bronze bearings. Two M2x0.4 mounting holes in front. Solder terminals

32208 MD | 25 RPM | \$12.95 ea
32209 MD | 55 RPM | \$12.95 ea

4.5VDC 140RPM Gearmotor

19285 MD | \$9.95 ea



MG995 Servo Motor

31150 MP | \$7.95 ea



SG90 Servo Motor

31002 MD | \$5.95 ea



36VDC Gear Head Motor

321474 MD | \$12.95 ea



12VDC 7000 RPM Mini Motor

32417 MD | \$12.95 ea



Motor Speed Control with Reversing Switch

32678 MD | \$8.95 ea



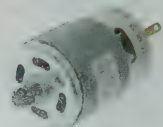
6VDC Gear Head Motor

32176 MD | \$34.95 ea



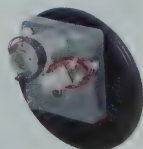
6VDC Mini Motor

34439 MD | \$1.75 ea



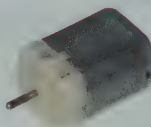
USED 24VDC 45 RPM Gear Head Motor with Wheel

17971 MD
\$9.95 ea



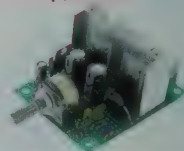
8-16VDC Mini Motor

18298 MD | \$0.99 ea



6.5-20VDC 10Amp Max Motor Speed Control

33371 MD | \$8.95 ea



12VDC Mini Vibrator

31115 MD | \$1.95 ea



USED 24VDC 45 RPM Gear Head Motor

32172 MD | \$9.95 ea



Motor Speed Control with Display

32673 MD
\$14.95 ea



6-28VDC 2Amp Max Motor Speed Control with Memory

32826 MD
\$4.95 ea



Die Cast Aluminum Boxes

Aluminum alloy with cover & M3.5 stainless steel screws included. Internal guides on ends & sides for holding PC boards. Natural Bare Aluminum Finish. Listed below are the outside dimensions.



STOCK #	L"	W"	H"	WT.	1EA
16281 BX	2.36"	2.17"	1.18"	.18	\$3.95
16282 BX	3.15"	2.17"	0.98"	.2	\$4.25
16283 BX	3.50"	1.37"	1.18"	.16	\$3.95
16284 BX	4.49"	2.52"	1.18"	.28	\$5.95
16285 BX	4.49"	2.52"	2.17"	.36	\$7.49
16286 BX	4.49"	3.50"	2.17"	.50	\$9.25
16287 BX	4.72"	3.94"	1.38"	.56	\$8.95
16288 BX	5.51"	3.94"	2.95"	.86	\$13.85
16289 BX	6.50"	5.00"	2.95"	1.12	\$18.55
16290 BX	6.73"	4.76"	2.17"	.96	\$17.51
16291 BX	6.73"	4.76"	4.17"	1.40	\$19.95
16292 BX	8.74"	5.75"	2.17"	1.44	\$22.91
16293 BX	8.74"	5.75"	4.17"	2.80	\$28.71
16294 BX	9.84"	9.84"	3.94"	3.50	\$51.88
16295 BX	10.83"	6.89"	2.56"	2.08	\$32.91

Sealed Plastic Boxes

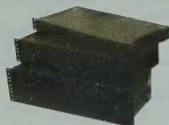
Gray ABS plastic project boxes with lids. Tongue & groove sealing meet IP-65 & NEMA 4 requirements. 4 standoffs on base for holding PC boards. Includes stainless cover screws & neoprene gasket material. 17391, 17400-17407 NO Internal Guides. Listed below are the outside dimensions.



STOCK #	L"	W"	H"	WT.	1EA
17392 BX	4.53"	3.54"	2.17"	.35	\$6.95
17393 BX	6.73"	4.76"	2.17"	.54	\$9.95
17395 BX	6.73"	4.76"	3.15"	.73	\$12.95
17396 BX	7.68"	3.15"	2.17"	.49	\$8.95
17398 BX	10.43"	7.28"	3.74"	1.5	\$24.95
17399 BX	2.05"	1.97"	1.38"	.09	\$3.95
17402 BX	7.87"	4.72"	2.95"	.8	\$14.95
17405 BX	9.45"	6.3"	4.72"	1.5	\$20.95
17406 BX	11.81"	9.06"	4.37"	2.4	\$35.95
17407 BX	14.17"	7.87"	5.91"	3.1	\$33.95

19" Plastic Rack Mount Cabinets

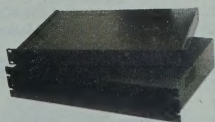
Black plastic rack mount clamshell cases. Vented sides with removable front & rear panels. Internal standoffs on top & bottom. Assembly required. NOTE: Not Available For Air Shipments. Measurements below are for Internal Space



STOCK #	DESC	W"	D"	H"	WT.	1EA
17086 BX	1U	16-3/16"	7-11/16"	1"	1.9	\$24.95
17087 BX	2U	16-3/16"	7-11/16"	2-7/8"	2.5	\$34.95
17088 BX	3U	16-3/16"	7-11/16"	4-1/2"	3.0	\$39.95

19" Metal Rack Mount Cabinets

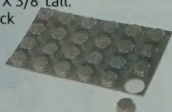
19in. rack mount cases. 1/8in. Aluminum Front Panel with steel chassis & covers. Satin black textured paint. NOTE: Not Available For Air Shipments



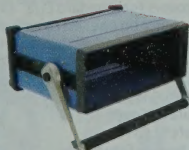
STOCK #	DESC	W"	D"	H"	WT.	1EA
17811 BX	1U	19"	11.8"	1.75"	1.9	\$34.95
17812 BX	2U	19"	11.9"	3.5"	2.5	\$39.95

Rubber Feet

31471 BU | \$3.50 ea
3M P/N SJ6316 peel-n-stick rubber feet. Sheet of 24 Gray bumpers 7/8" in diameter X 3/8" tall. Ideal as shock absorbers, equip. feet



Desktop Instrument Case 33008 BX | \$89.00 ea



Plastic Project Cabinets

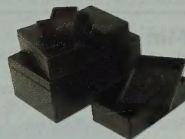
Black plastic project boxes with flat lids. Internal guides on ends & sides for holding PC boards. Includes cover screws. Note: 15881-BX has NO Internal Guides. Outside dimensions are listed below.



STOCK #	L"	W"	H"	WT.	1EA
15522 BX	3"	2"	1.16"	.07	\$2.49
15523 BX	4"	3"	1.6"	.13	\$2.95
15881 BX	4.41"	2.24"	.87"	.08	\$2.35
15518 BX	5"	2.5"	1.75"	.17	\$3.49
32652 BX	5.9"	3.9"	2.36"	.27	\$4.35
15883 BX	7.25"	4.5"	2.52"	.50	\$7.49

Plastic Project Cabinets

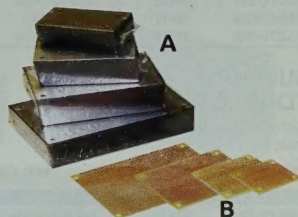
Black plastic project boxes with deep lids. Internal guides on ends & sides for holding PC boards. Includes cover screws. Outside dimensions are listed below.



STOCK #	L"	W"	H"	WT.	1EA
15885 BX	3.74"	1.89"	1.46"	.11	\$3.35
15886 BX	4.53"	2.36"	1.73"	.15	\$3.75
15520 BX	5.3"	3"	1.9"	.25	\$4.95
15887 BX	6.3"	3.74"	2.44"	.33	\$5.95
15888 BX	7.6"	4.53"	2.95"	.45	\$8.95
15521 BX	8.8"	5.5"	3.6"	.75	\$8.95

Plastic Project Cabinets & Perf Boards

Black plastic project boxes with Aluminum lids. Internal posts for holding PC boards. Includes cover & PC board screws. Solderable phenolic Perf. Board has .1" hole grid pattern, copper one side. All dimensions are approx.



STOCK #	FIG.	SIZE	L"	W"	D/T"	WT.	1EA
15911 BX	A	Large	5-1/4"	3-1/4"	1-9/16"	.22	\$5.25
15912 PB	B	Large	4-5/16"	3-1/8"	1/16"	.04	\$1.75
15913 BX	A	Medium	4-1/8"	2-5/8"	1-9/16"	.15	\$3.50
15914 PB	B	Medium	3-1/8"	2-1/2"	1/16"	.02	\$1.10
15915 BX	A	Small	3-5/16"	2-1/8"	1-3/8"	.11	\$2.75
16227 PB	B	Small	2-5/16"	1-15/16"	1/16"	.02	\$0.79
15917 BX	A	Mini	2-11/16"	1-11/16"	1-3/16"	.08	\$2.50
15918 PB	B	Mini	1-3/4"	1-1/2"	1/16"	.009	\$0.59

Extruded Aluminum Enclosures

Extruded anodized 6063 aluminum instrument cases with black powder coated, cast aluminum end caps. Internal slots for holding PC board(s), 4 peel-n-stick rubber feet & stainless End Cap screws, IP66 rated when using the accessory Gaskets (sold separately) View Online additional accessories.



STOCK #	COLOR	L"	W"	H"	1EA
32740 BX	Silver	7-3/4"	4-9/16"	2"	\$19.95
32741 BX	Red	7-3/4"	4-9/16"	2"	\$19.95
32742 BX	Blue	7-3/4"	4-9/16"	2"	\$19.95
32743 BX	Black	7-3/4"	4-9/16"	2"	\$19.95

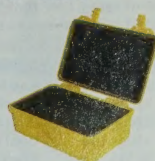
9.3" X 6.2" X 3.5" Waterproof Case

17813 BX
\$17.95 ea



12" X 7.4" X 4.4" Waterproof Case

18351 BX
\$29.95 ea



Mini Toggle Switch

Mini toggle switch, Mounts in a 1/4" hole. Solder tab terminals.

Rated 6 Amps @ 125VAC.

WT.:02



STOCK #	STYLE	DESC.	1EA
31880-SW	SPST	On-Off	\$0.75
31881-SW	SPDT	On-On	\$0.35
31883-SW	SPDT	On-Off-On	\$0.38
31884-SW	SPDT	(Mom)-Off-(Mom)	\$0.58
31886-SW	DPDT	On-On	\$0.41
31888-SW	DPDT	On-Off-On	\$0.46
31890-SW	DPDT	(Mom)-Off-(Mom)	\$0.69

Mini Toggle Switch

Mini toggle switch, Mounts in a 1/4" hole. Solder tab terminals.

Rated 5 Amps @ 125VAC.

WT.:02



STOCK #	STYLE	DESC.	1EA
16071-SW	SPDT	On-(Mom)	\$0.58
16072-SW	SPDT	On-Off-(Mom)	\$0.58
16073-SW	DPDT	On-(Mom)	\$0.69
16074-SW	DPDT	On-Off-(Mom)	\$0.69
16075-SW	3PDT	On-On	\$0.74
16076-SW	3PDT	On-Off-On	\$0.88
16077-SW	4PDT	On-On	\$1.42
16078-SW	4PDT	On-Off-On	\$1.75

SUB-MINI TOGGLE SWITCH

Sub-Mini toggle switch, Mounts in a 1/8" hole with Solder tabs. Rated 1 Amps @ 250VAC. TUV Listed

WT.:02



STOCK #	STYLE	DESC.	1EA
18677-SW	SPDT	On-None-On	\$0.43
18175-SW	DPDT	On-None-On	\$0.52
18676-SW	DPDT	On-Off-On	\$0.72

Lighted Pushbutton Switch



Momentary or Alternate Action (Push ON-Push-OFF), SPDT, Full size, metal body, Pushbutton switch with LED lighted Ring around Button. Mounts in a 3/4" hole.

Dia: 7/8" Mtg.: 3/4" hole L: 1-1/2" O/A WT.:04

STOCK #	DESC.	1EA
31370-SW	Red Momentary Switch	\$4.95
31371-SW	Green Momentary Switch	\$4.95
31372-SW	Blue Momentary Switch	\$4.95
31373-SW	Red Alternate Action Switch	\$5.95
31376-SW	Green Alternate Action Switch	\$5.95
31377-SW	Blue Alternate Action Switch	\$5.95

Pushbutton Switch



IP-67 rated, CMP #MP19S-F10, Flat Button, Metal Body, SPST NO, Pushbutton switch, Mounts in a 3/4" hole.

Dia: 7/8" Mtg.: 3/4" hole L: 1-1/16" O/A WT.:04

STOCK #	DESC.	1EA
32091-SW	Red Momentary P/B Switch	\$4.95
32092-SW	Green Momentary P/B Switch	\$4.95
32093-SW	Blue Momentary P/B Switch	\$4.95
32094-SW	Gold Momentary P/B Switch	\$4.95
32095-SW	Black Momentary P/B Switch	\$4.95

Full Size 15A Toggle Switch

.25" Quick Connect terminals.

Standard size toggle switch, Mounts in a 15/32" hole. Rated: 10 Amps @ 250VAC. 15A @125VAC.



WT.:03

STOCK #	STYLE	DESC.	1EA
18371-SW	SPDT	On-None-On	\$1.95
18372-SW	SPDT	(Mom)-Off-(Mom)	\$1.95
18373-SW	DPDT	On-None-On	\$1.95
18374-SW	DPDT	On-Off-On	\$1.95
18375-SW	DPDT	(Mom)-Off-(Mom)	\$1.95

Full Size 15A Toggle Switch

Standard size toggle switches, Mounts in a 1/2" hole. Rated: 10 Amps @ 250VAC. 15A @125VAC. Screw terminals.

WT.:08



STOCK #	STYLE	DESC.	1EA
16081-SW	SPDT	On-None-On	\$0.88
16082-SW	SPDT	On-Off-On	\$0.95
16083-SW	SPDT	On-None-(Mom)	\$1.05
16084-SW	SPDT	On-Off-(Mom)	\$1.05
16085-SW	SPDT	(Mom)-Off-(Mom)	\$1.05
16086-SW	DPDT	On-None-On	\$1.24
16087-SW	DPDT	On-Off-On	\$1.24
16088-SW	DPDT	On-None-(Mom)	\$1.49
16089-SW	DPDT	On-Off-(Mom)	\$1.49
16090-SW	DPDT	(Mom)-Off-(Mom)	\$1.49

Heavy Duty 20A Toggle Switches

Standard size toggle switches, Mounts in a 1/2" hole. Rated: 15 Amps @ 250VAC. 20A @125VAC. Screw terminals.

WT.:03



STOCK #	STYLE	DESC.	1EA
12216-SW	SPST	On-Off	\$1.50
12217-SW	SPDT	On-On	\$1.50
12218-SW	SPDT	On-Off-On	\$1.60
12219-SW	DPST	On-Off	\$1.95
12221-SW	DPDT	On-Off-On	\$2.50

Misc. Toggle Switches



Full size toggle switch, Amp Ratings are @ 125VAC.
5001: Wire leads 5002: Solder tab 5004 & 12223: Screw
Mtg. Hole: 1/2 hole WT.:07

STOCK #	STYLE	DESC.	AMP	1EA
25002-SW	SPST	On-None-Off	4	\$0.75
25001-SW	SPST	On-None-Off	6	\$1.25
12223-SW	SPST	On-None-Off	10	\$1.25

Full Size Toggle Safety Covers

Plastic, Snap action safety covers for standard (1/2" Dia.) sized toggle switches. Cover must be opened to activate switch. Closing cover forces switch to original position.

WT.:03

STOCK #	DESC.	1EA
16100-SW	Red Safety Cover	\$0.69
16105-SW	Black Safety Cover	\$0.69
16106-SW	Clear Safety Cover	\$0.69
16108-SW	Transp. Red Safety Cover	\$0.69

Push Button Switch



SPST Mounts in a 1/4" hole
N.O. = Normally open
N.C. = Normally closed

25019 SW | N.O. Red | \$0.29 ea
25020 SW | N.C. Black | \$0.29 ea

Push Button Switch

16093 SW | \$2.02 ea

SPST Normally open
Mounts in a 3/4" hole.
Metal Face.



Foot Switch

18150 SW | \$5.95 ea

SPST Normally open Metal
petal
with 1 meter
pigtail.



Metal X-Y Keypad

32340 SW
\$4.95 ea

3 X 4 pad with
X-Y matrix



X-Y Key Pads

31045 SW | 3x4 pad | \$2.95 ea
31046 SW | 4x4 pad | \$2.95 ea

Peel and stick
keypad with
bubble type
buttons



Plastic Float Switch

30453 SW
\$3.95 ea



SPST Rotary Switch

32597 SW | \$0.99 ea

Single pole
5 positions



BCD Thumb Switch

32083 SW | \$0.75 ea

0-9 push button
BCD switch.
End plates
available on-line.



Panel Meters

Visit www.mpja.com for Complete Product Line

Multi Function AC LCD Panel Meter

32409 ME | \$19.95 ea
260VAC 20A with internal CT. Volt, Current, Power and Energy Display



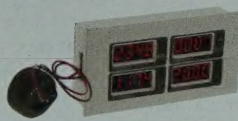
Multi Function AC LCD Panel Meter

32403 ME | \$24.95 ea
260VAC 100A with external CT. Volt, Current, Power and Energy Display



Multi Function AC LED Panel Meter

32404 ME | \$24.95 ea
260VAC 100A with external CT. Power, Energy, Voltage and Current Display



Dual Display AC LED Panel Meter

33152 ME | \$14.95 ea
300VAC 50A with external CT. Voltage and Current Display



Dual Display AC LED Panel Meter

30301 ME | \$19.95 ea
300VAC 100A with external CT. Voltage and Current Display



Dual Display AC LED Panel Meter

32710 ME | \$19.95 ea
300VAC 200A with external CT. Voltage and Current Display



3 Digit 60-300VAC LED Panel Meter

30220 ME | Red | \$6.95 ea
31493 ME | Green | \$6.95 ea
31494 ME | Blue | \$6.95 ea

Snap-in self LED powered meter
1Volt resolution 0.56" Character
height 6" wire leads sine wave only!



Dual Display AC LED Panel Meter

33407 ME | \$22.95 ea
Din Rail Mount
300VAC 100A with internal CT. Voltage and Current Display



Multi Function AC LED Panel Meter

31567 ME | \$19.95 ea
600VAC 100A with external CT. Voltage, Current and Frequency Display Requires external 12VDC power source



Dual Display AC LCD Panel Meter

31496 ME | \$17.95 ea
300VAC 100A with external CT. Voltage and Current Display



10-199Hz Frequency AC LCD Panel Meter

32406 ME | \$14.95 ea



12VDC LED Panel Meter with Bar Graph

32322 ME | \$12.95 ea



Dual Display DC LED Panel Meter

30303 ME | \$12.95 ea
4.5-30VDC 10A with internal Shunt. Volt and Current Display



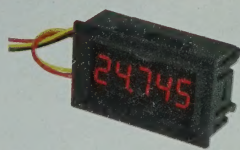
Dual Display DC LED Panel Meter

32063 ME | \$17.95 ea
4.5-30VDC 100A with external Shunt. Volt and Current Display



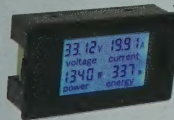
3.5-30VDC 5 Digit Panel Meter

32711 ME | \$12.95 ea



Multi Function DC LCD Panel Meter

32541 ME | \$17.95 ea
100VDC 20A with internal Shunt. Volt, Current, Power and Energy Display



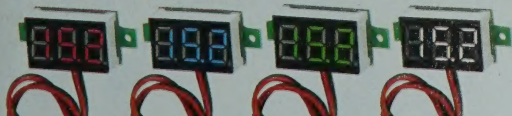
Multi Function DC LCD Panel Meter

32542 ME | \$18.95 ea
100VDC 100A with external Shunt. Volt, Current, Power and Energy Display



Mini 3 Digit 4.5-30VDC LED Panel Meter

19598 ME | Red | \$4.95 ea
19599 ME | Blue | \$4.95 ea
19600 ME | Green | \$4.95 ea
32961 ME | White | \$5.95 ea
LED self powered meter 0.1Volt resolution .375" Character height 5" wire leads. No Bezel.



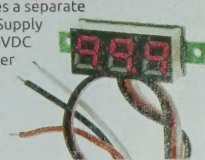
0-5Amp DC LED Panel Meter

32924 ME | \$8.95 ea



Mini 3 Digit 0-100VDC LED Panel Meter

32321 ME | \$3.95 ea
Requires a separate Power Supply 2.5V-30VDC for meter



Toll Free Orders: 1-800-652-6733



\$6.95*

FLAT RATE SHIPPING



*Restrictions Apply

MARLIN P. JONES & ASSOC. INC.

8380 Resource Road, West Palm Beach, FL 33404-1733

17-10

**THIS IS THE ONLY CATALOG YOU WILL RECEIVE UNLESS
YOU PLACE AN ORDER OR REQUEST ANOTHER CATALOG**

PRESORTED
STANDARD
U.S. POSTAGE
PAID
M.P. JONES INC.



CATALOG#

17-10H

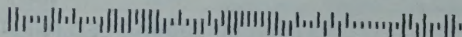
CUSTOMER

314310

*****AUTO**ALL FOR AADC 060

PHIL ACCARDI
7 DOMINIQUE LN
SIMSBURY CT 06070-1623

03907



8 Digit 100KHz-2.4Ghz Frequency Meter

34112 TE | \$18.95 ea



1 Channel Portable Digital Storage Oscilloscope

33207 TE | \$79.95 ea



Powered Breadboard

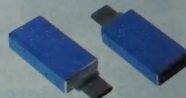
32920 TE | \$99.95 ea



USB 3.0 Type "C" Plug to USB 3.0 Type "A" Jack Adapter

34382 CB

\$3.95 ea



USB 3.1 Adapter Type "C" Plug to HDMI Jack

34370 CB

\$9.95 ea



USB 3.1 Type "C" Hub and Ethernet Adapter

34371 CB

\$18.95 ea



Check out our website for
more Type "C" adapters

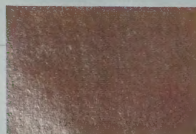
Our Most Popular Products

Visit us at www.mpja.com for complete line of products

Copper Clad Boards

1/16" thick FR4 Base material with
1oz. copper
All measurements are in millimeters
S = single sided
D = double sided

34330 PB | 68x100 S | \$0.89 ea
34331 PB | 100x150 S | \$1.25ea
34332 PB | 202x150 S | \$2.95 ea
34335 PB | 150x150 D | \$2.35 ea
34336 PB | 252x200 D | \$7.95 ea



LED Dimmer Module 12-24VDC 30A

33920 MI

\$14.95 ea



12 Vdc 1A Plug Power Supply

3.5mm O.D. output connector

34290 PS

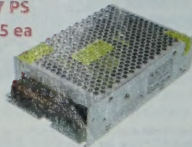
\$1.95 ea



12 Vdc 8.5A 100W Switching Supply

33467 PS

\$12.95 ea



12 Vdc 12.5A 150W Switching Supply

33468 PS

\$14.95 ea



20A 12-80V DC Motor Speed Control

33377 MD

\$15.95 ea



Mechanical Relays

33971 RL | 12vdc DPDT | \$2.50ea

33975 RL | 12vdc 3PDT | \$2.95ea

33972 RL | 110vac DPDT | \$2.50ea

33976 RL | 110vac 3PDT | \$2.95ea



Relay Socket

33974 RL | DPDT | \$1.95 ea

33978 RL | 3PDT | \$1.95 ea



3 VDC 1A Plug Power Supply

34472 PS

\$2.49ea



Duplex Outlet Expander

34493 MI

\$4.95 ea



USB Cable, A Male to Micro B Male

34479 CB

\$4.95 ea



Sold in Packs of 10